software is implemented at random instants on an unprogrammed triggering unit or higher order subassembly (such as detonators).

9. (Amended) Method according to claim 4, characterised in that the programming lines of the microprocessor are used as data inputs and outputs.

10. (Amended) Method according to claim 4, characterised in that the switching output (24) can be reinforced by discrete components.

11. (Amended) Method according to claim 4, characterised in that communication between the triggering unit and the ignition device can be uni- or bi-directional in a demand-driven manner.

12. (Amended) Method according to claim 4, characterised in that the triggering unit and the ignition device can communication using various media, such as metallic conductor (cable), optical fibre, ultrasound or high frequency.